Abstract

Multi agent systems (MAS) have been widely used by many researchers in the different applications of E-Commerce such as Supply chain management (SCM), negotiation and brokering. In this paper, we evaluate supplier agent’s various cognitive parameters like adaptability, capability, reputation degree, commitment, efficiency, and trust, for selection of the best supplier agent. The selection of the best supplier from a large number of available suppliers will help organizations to increase their efficiency and this will help negotiation strategies to find out most profitable proposal by which both manufacturer and selected supplier can get profit. In this paper, a logical cognitive model is developed.

References
Cognitive Parameters based Supplier Agent Selection in Supply chain management

- Wang, Ye and Li. 2010. "Supplier Selection Based on Rough Sets and Analytic Hierarchy Process". School of Information Science & Technology, Southwest Jiaotong University, China and Dept. of Computer Science and Technology, Nanchang Institute of Technology, China.

Index Terms

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Supply Chain Management (scm)  Agent  Negotiation